



## EASYJEWEL

### THE COMPACT LASER ENGRAVING SYSTEM FOR THE JEWELRY INDUSTRY

Advanced laser technology and marking software enable new applications and bring laser marking and engraving to the highest standards. The new EasyJewel with 'Enhanced Mode' has been especially designed for circumferential seamless designs and large components requiring homogeneous surfaces.

The majority of materials used in the jewelry industry including precious metals, alloys, polymers and ceramics can be processed. The rugged construction and ease of operation are beneficial for any jeweler: clamping the rings for internal or external marking with the laser is unrivalled.

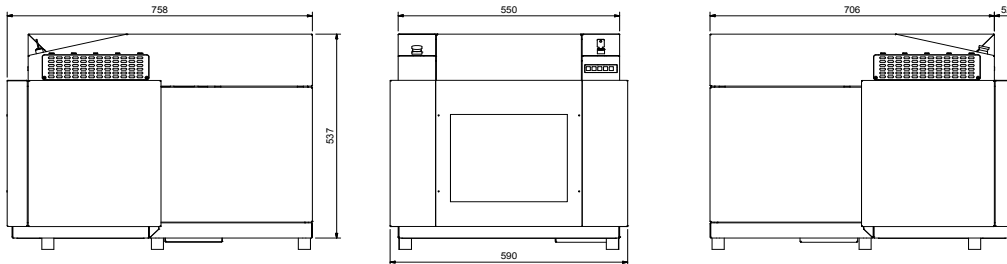
#### Benefits

- Very easy operation using graphical interface
- Low maintenance and service costs
- Easy system integration and maintenance
- Ring marking module – patent pending
- Integrated air cooling
- Spacious working chamber

#### Options

- Clamping for bracelets with up to 80 mm outer diameter
- OTF mode for seamless circumferential designs
- Automatic door
- Various camera systems for easy alignment
- Exhaust unit with remote start and control function





## Specifications

Laser parameter		10 E	F 20	F 30	F 50
Type		Nd: YVO4	Fiber	Fiber	Fiber
Wavelength	nm	1064	1070 ± 5	1070 ± 5	1070 ± 5
Pulse frequency	kHz	max. 200	20 – 100	30 – 100	50 – 200
CW		possible	not possible	not possible	not possible
Nominal power	W	> 9	> 18	> 28	> 48
Pilot laser	nm	660			
<b>Z-Axis</b>					
Load including fixture	kg	max. 10			
Travel	mm	120			
Speed	mm/s	max. 10			
Repeatability	mm	< 0.2			
<b>Working chamber</b>					
Max. marking area (160 mm objective)	mm	120 x 120			
Part size	mm	300 x 200 x 120			
<b>Utility</b>					
Electrical	VAC	100 – 240 ± 10%			
Frequency	Hz	50/60			
Operating voltage	W	max. 430	max. 400	max. 500	max. 600
<b>Environmental</b>					
Dimensions 160 mm objective	mm (L x W x H)	760 x 590 x 570			
Weight	kg	approx. 80			
Operational temperature	°C	+ 15 to + 30			

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